

CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Arcadia PWS ID: 5810002
System Type: Potable Audit Period: Calendar 2016
Utility Representation: John Corona, Mandy Jiang, Jacquelyn Mercado
Validation Date: 9/6/2017 Call Time: 9:00 am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 62 Data Validity Band (Level): Band III (51-70)
ILI: 2.36 Real Loss: 38.67 (gal/conn/day) Apparent Loss: 42.56 (gal/conn/day)
Non-Revenue Water as a Percentage of Operating Costs: 3.9%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Tory Wagoner Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided

CA-NV AWWA Water Loss Technical Assistance Program
Wave 4 Water Audit Level 1 Validation Document

Water System Name: Arcadia City Water Department

Water System ID Number: 1910003

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

<<Information to be completed by Utility>> First Year of Validated Water Audit

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

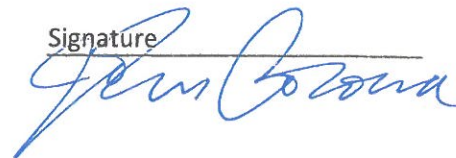
Executive Name (Print)

John Corona

Executive Position

Utilities Superintendent

Signature



Date

9/28/17

Utility Provided

2017 AWWA Water Audit Level 1 Validation

Water System Name: City of Arcadia

Water System ID Number: 1910003

Water Audit Period: 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

<<Information to be completed by Utility>>

- Targeted testing is conducted annually for high volume meters. This includes meter sizes of 3" and above up to 8" in size. Our goal is to test all meters that fall within this size range annually, but at the very least within a two-year cycle.
- Approximately 1,200 to 1,500 residential meters ranging in sizes from 5/8" to 2" are replaced within the audit year.
- Improved record keeping on water use for Fire Department Training and Fire Hose Testing.
- Improved record keeping on water use for Street Sweeping/Cleaning.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

John Corona

Utilities Superintendent



11/28/18

Executive Name (Print)

Executive Position

Signature

Date

Utility Provided